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(12) **United States Patent**
Yu

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(54) **ROUND OR ANATOMICAL TYPE SILICONE PROSTHESIS HAVING SHELL WITH ENHANCED DURABILITY AND METHOD FOR MANUFACTURING SAME**

USPC 264/310; 427/2.24; 623/8
See application file for complete search history.

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(57) **ABSTRACT**

A silicone prosthesis including a silicone shell, which has superior texture and comfort when implanted in the body, minimizes stress concentration that may arise when wearing for a long time by eliminating the difference in physical characteristics and stress in all parts of the shell, due to the silicone prosthesis having a uniform thickness, increases resistance to fatigue fracture so as to maximize the safety and lifespan of the silicone prosthesis, and which controls the flow of the silicone in various angles, thereby providing a round or an anatomical type silicone prosthesis having a shell with enhanced durability and a uniform thickness.

11 Claims, 11 Drawing Sheets

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CPC . **A61F 2/12** (2013.01); **A61L 27/18** (2013.01); **B29C 41/14** (2013.01); **A61F 2250/0003** (2013.01); **A61F 2250/0036** (2013.01); **A61L 2430/04** (2013.01)

(58) **Field of Classification Search**

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